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nive at bringing, into the city or county of Durham any person in his or her employment or under his or her management or control affected with small-pox or other mortal disease of a contagious nature; and every person offending against this ordinance shall be fined \$25 and all expenses incurred on account of such afflicted person being so brought into the city or county of Durham.

SEC. 8. If any such afflicted person shall come into the city or county of Durham without permission, as aforesaid, he shall be fined \$25.

SEC. 9. The health officer shall have power to move from the corporate limits of the city of Durham or the sanitary districts of East and West Durham any person who may be afflicted with smallpox or other mortal disease of contagious nature; and it shall be his duty to do so whenever, in the judgment of the health officer, such removal may be necessary to prevent the further spread of the disease. Any person attempting, by threats or force, to prevent the removal out of the city of any person ordered to be removed thither shall be fined \$25.

SEC. 10. All applications for medicine made by the poor of the city shall be made to the board of health and the health officer shall countersign the prescription and keep a suitable book wherein the names of all such applicants shall be recorded.

SEC. 11. All public street carriages shall be fumigated whenever, in the judgment of the health officer, the same shall be necessary, and the owner or driver of any public street carriage who shall fail or refuse to fumigate the same when notified to do so by the city health officer, within 24 hours after such notice, shall be guilty of a misdemeanor, and, on conviction, shall be fined \$5.

SEC. 12. Every person who has been recently exposed to smallpox or who has recently lived in the same house or building occupied by a smallpox patient is required to be successfully vaccinated, unless the facts shall be certified to by two reputable physicians of the city of Durham that in any particular case it will be dangerous to the life or health of the person in question to be vaccinated.

SEC. 13. Any such person over 15 years of age who has not been successfully vaccinated and who shall refuse or fail after 24 hours' notice to be so vaccinated and who fails to furnish the certificate above referred to shall be guilty of a misdemeanor; and any parent, guardian, or any other person having control of a child under 15 years of age who has not been successfully vaccinated and who shall fail to have such child so vaccinated after 24 hours' notice, or who shall fail to present to the health officer the certificate above referred to within 24 hours after such notice, shall be guilty of a misdemeanor.

#### **Milk and Cream—Production, Care, and Sale. (Reg. Bd. of H., Mar. 2, 1914.)**

ART. 4, SECTION 1. No one shall engage in the sale of milk or cream in the city of Durham or East or West Durham, ship the same into the city for sale, or supply to others for use in the city of Durham, or East or West Durham, unless he shall first obtain a permit from the board of health so to do.

SEC. 2. A fee of 50 cents will be charged for each cow in permit, and the same shall be credited to the sanitary fund. Permits shall be renewed every 12 months. Permit forms will be issued by the board of health. All applications for permits shall be signed by the applicant, and when received by the milk and dairy inspector shall be placed on file, and the name of such applicant shall be entered in a book of registration for such purpose.

SEC. 3. The board will not issue any permit unless it is satisfied, after inspection, with the cleanly and sanitary condition of the stables, cows, wagons, or

place of business of the applicant therefor, and with all the utensils used by him from which his milk or cream is obtained; and that the food given the cows is pure and wholesome, and that all persons engaged in the care and handling of the milk are free from any contagious diseases and that said persons use due cleanliness in their work.

SEC. 4. As soon as possible after an application is received at the health office for a permit to sell milk, the milk dairy inspector shall visit the dairy or place of business of such applicant and make such observation and gather such information as will enable the board to properly consider such application.

SEC. 5. If, after issuing a permit to sell milk or cream, the board of health shall become satisfied that the provisions of this subdivision of the sanitary code are being violated, it will at once revoke the permits issued to such person or persons and no new permit will be issued until all insanitary conditions have been remedied and all other provisions of this subdivision of the sanitary code are complied with.

SEC. 6. Quality of milk: No person shall sell, bring, or offer for sale any milk—

- (a) Containing more than 88 per cent of water or fluids.
- (b) Containing less than 12 per cent of milk solids.
- (c) Containing less than 3 per cent of milk fats.
- (d) From which any part of the cream has been removed.
- (e) Having a specific gravity of less than 1.029.
- (f) Containing dirt, foreign matter, or sediment.
- (g) Containing any boric or salicylic acid, formaldehyde, or other foreign chemicals.
- (h) Containing any pathogenic bacteria.
- (i) Bacterial count, if having more than 500,000 per cent, regarded as insatitary.
- (j) Drawn from any cow having a communicable disease or showing clinical symptoms of tuberculosis, or from any herd which contains any diseased cattle, or are afflicted with or exposed to any communicable disease.
- (k) Drawn from any cow which has been fed on garbage or refuse.
- (l) Which has existed or been kept under conditions contrary to these ordinances.
- (m) No milk shall be kept, sold, offered for sale, or drawn from cows suffering with sore and inflamed udders and teats.
- (n) Drawn from any cow within 15 days before or 12 days after calving.
- (p) No milk in partially filled bottles shall be sold or offered for sale, and no bottles shall be filled, capped, or recapped outside of the dairy building regularly used for this purpose.

*Provided*, That the subdivisions *a*, *b*, *c*, and *d* shall not apply to milk sold under the title of "skimmed milk."

SEC. 7. No person shall bring into the city of Durham or sanitary districts of East or West Durham, for sale, or sell or offer for sale, milk from which the cream has been removed, either in part or in whole, unless plainly marked on the container, "skimmed milk."

SEC. 8. *Stable and surroundings*.—The stable shall be so constructed that the cows have plenty of air space and light, and should be painted in some light color or whitewash twice a year. The stables must be kept free from dirt, dust, cobwebs, and odor. No water-closet, cesspool, urinal, habited room, or workshop shall be located within any building or shed used for stabling cows used for dairy purposes, nor shall any fowl, hog, horse, or goat be kept in any room used for such purposes.

SEC. 9. The urine and manure shall be twice daily removed from the stable and must be moved at least 30 feet from the stable and placed where the cows can not get into it. Manure must not be thrown out of the stable windows. The bedding shall be kept sweet and clean.

SEC. 10. The surroundings to the stable must be kept in a sanitary condition. Cows must not be allowed to stand in manure and filth. Cows must be kept clean. Manure, litter, etc., must not be allowed to become caked or dried on them. The udder must be wiped off with damp clean cloth before milking.

SEC. 11. The milkers must thoroughly wash and wipe their hands before they begin milking.

SEC. 12. They must not use pails, cans, strainers, etc., unless they have been thoroughly washed in hot water and soap or hot water and soda and afterwards sterilized with boiling water or steam. Care must be taken that the seams of the vessels are thoroughly cleaned. They must refrain from milking or handling milk—anyway when in themselves or their families there is even a suspicion of any contagious or infectious disease.

SEC. 13. *Handling the milk.*—Immediately after milking the milk shall be removed from stable into a milk room, screened from flies and other insects—the milk room only to be used for handling milk—and put into perfectly clean bottles or cans.

SEC. 14. The milk house or milk room must be located at least 20 feet from any building. Dairymen who use both bottles and cans in delivering milk shall not fill bottles or cans while on their delivery route.

SEC. 15. *Care of cans or bottles.*—All cans or bottles used in the distribution of milk or cream must be thoroughly cleaned, either by hot water and soap or hot water and soda or other alkalies, rinsed and sterilized by boiling water or steam before they are again used as receptacles for milk or cream. Extreme care must be exercised in cleaning the faucets to cans by use of a brush. No person shall use a milk bottle or can for other than milk or cream purposes.

SEC. 16. *Contagious diseases.*—Should scarlet fever, smallpox, diphtheria, typhoid fever, tuberculosis, or other dangerous or infectious, or in any house in the family of any dairyman, or among any of his employees, or in any house in which milk is kept for sale, or in the family or among the employers of any person who ships milk into the city for sale, such dairyman, venders, or shippers of milk shall immediately notify the board of health of the facts of the case, and the health officer shall at once investigate and order the sale of such milk stopped or sold under such regulations as he thinks proper.

SEC. 17. Should dairymen, venders, or shippers of milk fail to notify the health officer when contagious diseases exist in their families or in the families of their employees, or who, after such information is given the health officer, fail to obey his directions, the milk and dairy inspector shall seize and destroy all milk sent into the city of Durham or sanitary districts of East and West Durham by such persons.

SEC. 18. In delivering milk to families in which there exists any of the above-named contagious or infectious diseases, the dairyman shall not enter, neither shall he come in contact with any person or persons attending or waiting on such patient. No empty milk or cream receptacle cans shall be taken away from any dwelling where any contagious disease exists until authorized by the board of health and in the way prescribed by the board of health.

SEC. 19. *Milk delivery wagons.*—No one shall use any vehicle for the delivery of milk in Durham, sanitary districts of East or West Durham, which has not painted thereon in legible Roman letters not less than 3 inches in height, and

on both sides of the vehicle in a conspicuous place, the name and location of his dairy and the number of his permit.

The milk delivery wagons shall be kept at all times in a cleanly condition and free from any substance liable to contaminate or injure the purity of the milk.

SEC. 20. The board of health may require a certificate from a licensed veterinarian showing the cows furnishing milk brought for sale within its jurisdiction are free from tuberculosis or other dangerous diseases.

SEC. 21. *Milk inspector*.—The milk inspector, the superintendent, or any member of the board of health may examine all dairy herds, utensils for handling milk of all dairymen or other persons engaged in selling or shipping for sale milk or cream to city of Durham, or sanitary districts of East or West Durham.

SEC. 22. These inspectors shall have power to open any can, vessel, or package containing milk or cream, whether sealed (locked) or otherwise, or whether in transit or otherwise, and take samples of the milk or cream for testing or analysis, provided the price is tendered; and, if upon inspection, the milk or cream is found to be filthy, or the cans or other containers are in an unclean condition, the said inspector may then and there condemn the milk or cream as deemed by him to be filthy and pour the contents of such bottles, vessels, or packages upon the ground or sewer forthwith, and he shall, if done in good faith, be held harmless for damages therefrom in any suit or demand made.

SEC. 23. *Penalty for violation*.—Whoever violates any provision of this subdivision of the sanitary code of Durham County shall be fined in the sum of \$25.